

## CISCO DCNM MENTORED INSTALL

### Service Overview:

At Netnology, we specialize in Cisco's Data Center Network Manager (DCNM) enablement and implementation services to expedite the adoption of Cisco DCNM solution. As part of this Mentored Install service offer, our subject matter experts (SME) partner with your team to ensure a smooth deployment of the DCNM solution in your environment and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the DCNM environment.

### Cisco DCNM Solution:

Data Center Network Manager (DCNM) is the network management platform for all NX-OS-enabled deployments, spanning new fabric architectures, IP Fabric for Media, and storage networking deployments for the Cisco Nexus-powered data center. DCNM provides management, control, automation, monitoring, visualization, and troubleshooting across Cisco Nexus and Cisco Multilayer Distributed Switching (MDS) solutions.

- Accelerate time to market by gaining an understanding of the ways that Cisco DCNM can address your unique use cases, align IT goals with business goals, and simplify operational processes required for success.
- Reduce risks by identifying and addressing your technical and operational readiness to effectively deploy a Cisco DCNM solution to support your target use cases.
- Protect capital and operational investments by developing a simple transition path from existing environments to architecture based on Cisco DCNM.
- Optimize performance and reduce service interruption by preempting and proactively resolving problems efficiently to help you maintain the performance, reliability, and ROI of your Cisco DCNM deployment.

### Service Benefits:

Netnology has a team of world class engineers who specialize in Cisco DCNM solution and are passionate about customer success. Netnology will partner with you to provide:

- Step-by-step guidance from an SME on DCNM solution deployment
- Configuration and documentation of DCNM solution
- Knowledge transfer to ensure customer is ready to configure and manage the environment

## Scope of Services:

As part of the 10-day Mentored Install engagement, Netnology will help with the following:

- Solution Overview
- DCNM Deployment Model (Pick One)
  - Classic LAN
  - LAN Fabric
    - Deploy and Configure DCNM
    - Core Component Configuration
    - VXLAN BGP EVPN Fabric Template
    - Fabric Builder
    - Multi-Site Fabric
    - Stretching Networks
    - Endpoint Locator Configuration
    - DCNM Shell
    - API Inspector
  - Media Controller
  - SAN
- Backup and Restore DCNM
- Monitoring, Reports, and Alarms
- Troubleshooting
- Maintenance
- Knowledge Transfer and Walkthrough

### Target Audience:

This service is designed for Network Architects, Network Engineers and Administrators configuring, deploying and managing the Cisco DCNM solution.

### Prerequisites:

Customer also needs to acquire the necessary software licenses for the deployment of DCNM solution.

### Service Deliverables:

No	Deliverable	Service Details
1.	Project Kickoff	<ul style="list-style-type: none"> <li>Project Overview</li> <li>Solution Overview</li> </ul>
2.	LAN Fabric Deployment Model	<ul style="list-style-type: none"> <li>Deploy and Configure DCNM</li> <li>Core Component Configuration</li> <li>VXLAN BGP EVPN Fabric Template</li> <li>Fabric Builder</li> <li>Multi-Site Fabric</li> <li>Stretching Networks</li> <li>Endpoint Locator Configuration</li> <li>DCNM Shell</li> <li>API Inspector</li> </ul>
3.	Backup and Restore	<ul style="list-style-type: none"> <li>DCNM</li> </ul>
4.	Monitoring, Reports, and Alarms	<ul style="list-style-type: none"> <li>Monitor Device Health and Events</li> <li>Generate Reports</li> <li>Create Alarm Policies</li> </ul>
5.	Troubleshooting	<ul style="list-style-type: none"> <li>RMA</li> </ul>
6.	Maintenance	<ul style="list-style-type: none"> <li>Software Upgrades</li> </ul>
7.	Knowledge Transfer	<ul style="list-style-type: none"> <li>Explain to the customer how to configure and manage the solution in their environment</li> <li>A walkthrough of the customer's environment</li> </ul>